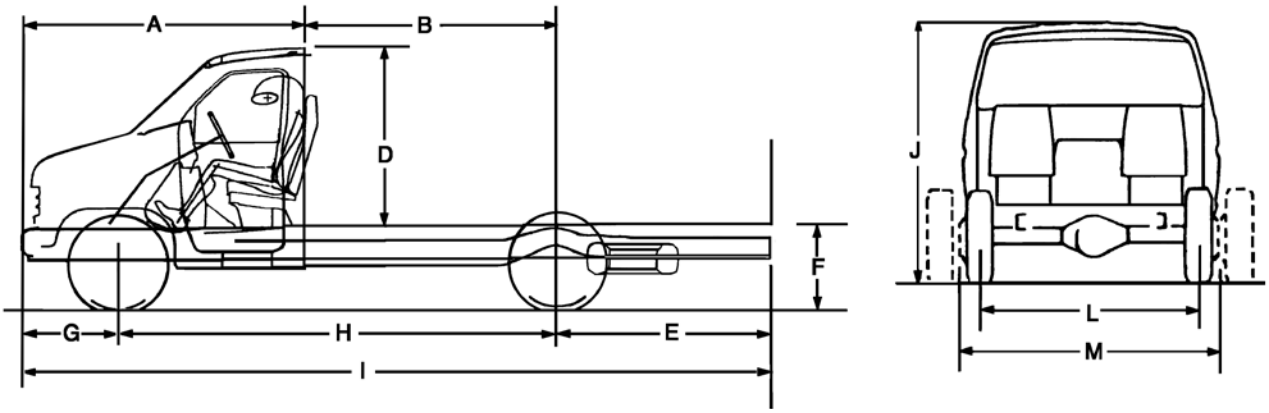
2016 E-Series Cutaway/ Stripped Chassis

Body Dimensions



BODY DIMENSIONS (in inches) – E-350/E-450 Cutaway

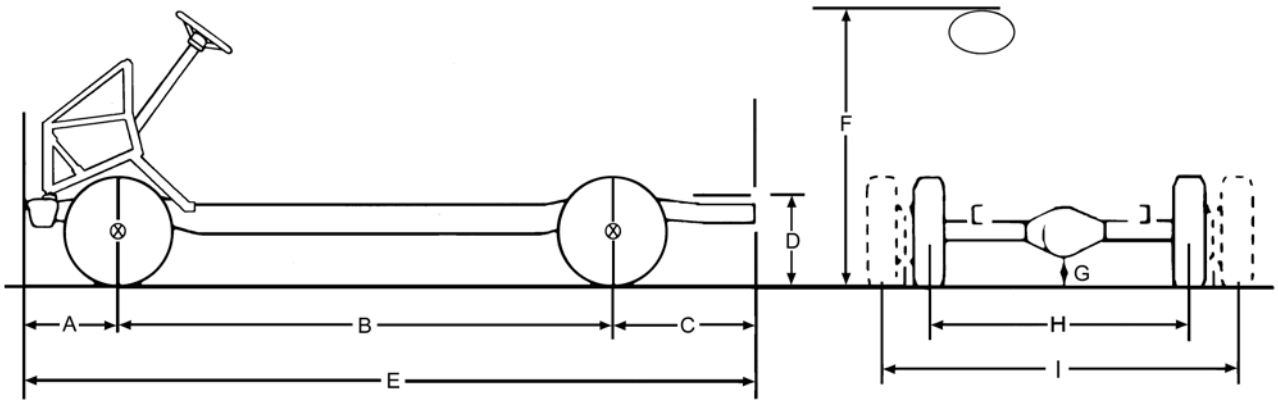
Series		E-350			E-450	
Model		Cutaway			Cutaway	
		SRW/DRW	SRW/DRW	DRW	DRW	DRW
Code	Description					
A	Cab Length	92.5	92.5	92.5	92.5	92.5
B	Cab Rear to Rear Axle	80.0	100.0	118.0	100.0	118.0
D	Top of Frame to Top of Cab	54.4	54.4	54.4	58.4	58.4
E	Rear Overhang	68.5	68.5	50.5	68.5	50.5
F	Load Height (Loaded)	25.9/26.2	25.9/26.2	26.2	26.0	26.0
G	Front Overhang	34.6	34.6	34.6	34.6	34.6
H	Wheelbase	138.0	158.0	176.0	158.0	176.0
I	Overall Length	241.1	261.1	261.1	261.1	261.1
J	Cab Height (Curb)	80.4/80.3	80.3/80.2	80.1	80.0	80.0
L	Front Track	69.4	69.4	69.4	69.4	69.4
M	Rear Track Dual — Rear	72.1/75.4	72.1/75.4	75.4	77.7	77.7

NOTE: Front jacking point — located under the front radius arm rearward of the sloped section (use flat space provided).
NOTE: Rear jacking point — located under rear axle between U-bolts.

INTERIOR DIMENSIONS

Series		E-350			E-450	
Model		Cutaway			Cutaway	
		SRW/DRW	SRW/DRW	DRW	DRW	DRW
	Description					
	Head Room (in.)	42.0	42.0	42.0	42.0	42.0
	Max. Leg Room (in.)	42.1	42.1	42.1	42.1	42.1
	Hip Room (in.)	65.6	65.6	65.6	65.6	65.6
	Shoulder Room (in.)	68.1	68.1	68.1	68.1	68.1

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.



BODY DIMENSIONS (in inches) — E-350/E-450 Commercial Stripped Chassis

Model		Commercial Stripped Chassis		
Series		E-350	E-350/E-450	E-350/E-450
		DRW	DRW	DRW
Code	Description			
A	Frame to Front Axle	26.2	26.2	26.2
B	Wheelbase	138.0	158.0	176.0
C	Rear Overhang	68.5	68.5	50.5
D	Load Height (Loaded)	26.2	26.2/26.0	26.2/26.0
E	Overall Length	232.7	252.7	252.7
F	Height at Top of Steering Wheel (Loaded)	71.9	71.9/71.7	71.8/71.7
G	Axle Height Loaded	7.0	7.0	7.0
H	Front Track	69.4	69.4	69.4
I	Rear Track (SRW)	—	—	—
I	Rear Track (DRW)	75.4	75.4/77.7	75.4/77.7

NOTE: Front jacking point—located under the front radius arm rearward of the sloped section (use flat space provided).
NOTE: Rear jacking point—located under rear axle between U-bolts.

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

2016 E-Series Cutaway/ Stripped Chassis

Weight Ratings

GVWR/Payload/OPT & ARC/Spring & GAWR (Front Computer-selected)/ Cutaway & Stripped Chassis/Base Curb Weight

Model	WB (in.)	Engine/ Trans.	Maximum GVWR (lbs.)	Maximum Payload	OPT/ ARC Weight (lbs.)(1)	Spring/GAWR (lbs.)(2)		Base Curb Weight (lbs.)		
						Front Range Min.-Max.	Rear	Front	Rear	Total
E-350 Cutaway	138 SRW	5.4L/5R110	10,050	5268	3718	4050-4200	6084	2814	1968	4782
		6.8L/6R140	10,050	5100	3550	4200	6084	2958	1992	4950
	138 DRW	5.4L/5R110	11,500	6441	3441	4050-4600	7800	2854	2205	5059
		6.8L/6R140	11,500	6275	3275	4200-4600	7800	3001	2224	5225
E-350 Cutaway	158 SRW	5.4L/5R110	10,050	5203	3653	4200	6084	2901	1946	4847
		6.8L/6R140	10,050	5038	3488	4200	6084	3039	1973	5012
E-350 Cutaway	158 DRW	5.4L/5R110	11,500	6376	3376	4050-4600	7800	2941	2183	5124
		6.8L/6R140	11,500	6213	3213	4200-4600	7800	3082	2205	5287
		5.4L/5R110	12,500	7376	3376	4600-5000	8500	2941	2183	5124
		6.8L/6R140	12,500	7213	3213	4600-5000	8500	3082	2205	5287
	176 DRW	5.4L/5R110	12,500	7366	3366	4600-5000	8500	3006	2128	5134
		6.8L/6R140	12,500	7203	3203	4600-5000	8500	3148	2149	5297
E-350 Stripped Chassis	138 DRW	5.4L/5R110	11,500	7086	4286	4200-4600	7800	2246	2168	4414
		6.8L/6R140	11,500	6875	4075	4400-4600	7800	2421	2204	4625
	158 DRW	5.4L/5R110	12,500	8026	4226	4600-5000	8500	2309	2165	4474
		6.8L/6R140	12,500	7822	4022	4600-5000	8500	2480	2198	4678
	176 DRW	5.4L/5R110	12,500	7967	4167	4600-5000	8500	2365	2168	4533
		6.8L/6R140	12,500	7768	3968	4600-5000	8500	2535	2197	4732
E-450 Cutaway	158 DRW	5.4L/5R110	14,000	8646	4146	4600-5000	9600	2935	2419	5354
		6.8L/6R140	14,500	8988	3988	5000	9600	3078	2434	5512
	176 DRW	5.4L/5R110	14,000	8637	4137	4600-5000	9600	3022	2341	5363
		6.8L/6R140	14,500	8981	3981	5000	9600	3161	2358	5519
E-450 Stripped Chassis	158 DRW	5.4L/5R110	14,000	9397	4897	4600-5000	9600	2359	2244	4603
		6.8L/6R140	14,500	9695	4695	5000	9600	2531	2274	4805
	176 DRW	5.4L/5R110	14,000	9345	4845	4600-5000	9600	2393	2262	4655
		6.8L/6R140	14,500	9642	4642	5000	9600	2566	2292	4858

(1) OPT/ARC Weight is the maximum allowable weight for regular production options (OPT) and aftermarket equipment (Accessory Reserve Capacity) for models with standard equipment and the engine/transmission combination indicated.

(2) Gross Axle Weight Rating is determined by the rated capacity of the minimum component of the axle system (axle, computer-selected springs, wheels, tires) of a specific vehicle. Front and rear GAWRs will, in all cases, sum to a number equal to or greater than the GVWR for the particular vehicle. Maximum loaded vehicle (including passengers, equipment and payload) cannot exceed the GVWR or GAWR (front or rear).

NOTE: Refer to pages 35–38 for Standard Powertrain/Chassis Equipment Specifications. Refer to the Accessory Reserve Capacity (ARC) Calculation/Worksheet on pages 4-4, 4-5 and 4-6 of the Truck Payload Appendices section on ***e*SourceBook** for available equipment weights.

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

E-Series Cutaway/ Stripped Chassis
Standard Powertrain/Chassis Equipment Specifications

2016

E-350 Cutaway

REAR WHEELS:			SRW	DRW	SRW	DRW	DRW	DRW
WHEELBASE (in.):			138	138	158	158	176	138
PAYLOAD PACKAGE:								#1 — OPT.(1)
POWERTRAIN:								
Engine	—	Application	Refer to Order Guide					
	—	Type	5.4L SEFI V8					
Transmission	—	Type	5-speed Auto OD (TorqShift®)					
AXLES:								
Front Axle	—	Type	Twin I-beam IFS					
	—	Capacity (Rating @ Ground)	5000 lbs.					
Rear Axle	—	Type	Full-floating, Dana 10.5"					
	—	Capacity (Rating @ Ground)	7800 lbs.	8500 lbs.				
BRAKES:								
Front Disc	—	Type	Dual Piston Caliper (2.36" Diameter Piston)					
	—	Size (in.)	13.58 Diameter Rotor					
Rear Disc	—	Type	Dual Piston Caliper (1.89" Diameter Piston)					
	—	Size (in.)	13.58 Diameter Rotor					
Power-Assist Unit	—	Type	Vacuum-boost (SRW)/Hydro-Boost (DRW)					
	—	Boost Ratio	13.46"	7.5:1 (SRW), 6.76:1 (DRW)				
Anti-Lock System	—	Type	Dual Diaphragm (SRW), Hydro-Boost (DRW)					
Parking Brake	—	Rear brake drum-in-hat	Foot-operated, Push to Apply/Pull Release Lever to Disengage					
ELECTRICAL:								
Alternator	—	Rating	6G135 — 120-amperes, 1620-watts(2) SC2 — 155-amperes, 2090-watts(2) — available SC6 — 225-amperes, 3035-watts(2) — available					
Battery	—	Type	Maintenance-free					
	—	Rating	72-amp.-hr., 650-CCA					
Kit	—		Modified Vehicle Wiring					
FUEL TANK:	—	Capacity(3)	40-gallon Aft-of-rear-axle					
JACK:	—	Capacity	4.0-ton					
STEERING:	—	Type	Gear Assembly Power Steering					
	—	Ratio	17.0:1					
SUSPENSION:								
Frame	—	Type	Single-channel, 6 Crossmembers, 36,000 psi Steel (Includes 2 Lateral Spacers, 4 Longitudinal Spacers and 12 Body Mounts with 138", 158" WB. Or, 4 Lateral Spacers, 2 Longitudinal Spacers and 12 Body Mounts with 176" WB.)					
	—	Section Modulus	5.73 cu. in.					
Springs, Front	—	Type	Coil, Computer-selected					
	—	Rating @ Ground (min.)	3199 lbs.	3100 lbs.		3100 lbs.		
Springs, Rear	—	Type	Multi-leaf, Single-stage					
	—	Rating @ Ground (min.)	7310 lbs.	8500 lbs.				
Shock Absorbers	—	Gas-type	35 mm					
Stabilizer Bar	—	Front/Rear—Diameter	Front — 25.4 mm (SRW)/23 mm (DRW); Rear — 28.6 mm (DRW)					
TIRES:	—	Type	Four, Truck-type Steel-belted Radial, All-season (Six with DRW)					
	—	Size	LT245/ 75Rx16E	LT225/ 75Rx16E				
WHEELS:	—	Type & Size	Four, 8-hole Disc, 16" x 7.0" K Steel (Six, 16" x 6.0" K with DRW)					

(1) Available on School Bus Body Builder Prep Package only.
(2) Rated current (@ 6000 rpm) per ISO 8854: 1988 (E) and SAE J56 JUN1999. Actual output is temperature and application dependent.
(3) Also includes 7.5-gallon plastic transit fuel tank (may be deleted), Auxiliary Fuel Port and Fuel System Conversion Kit.

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

E-350 Commercial Stripped Chassis

REAR WHEELS:		DRW	DRW	DRW	DRW	DRW
WHEELBASE (in.):		138	158	176	158	176
POWERTRAIN:						
Engine	— Application	Refer to Order Guide				
	— Type	5.4L SEFI V8				
Transmission	— Type	5-speed Auto OD (TorqShift®)				
AXLES:						
Front Axle	— Type	Twin I-beam IFS				
	— Capacity (Rating @ Ground)	5000 lbs.				
Rear Axle	— Type	Full-floating, Dana 10.5"				
	— Capacity (Rating @ Ground)	6340 lbs.	8500 lbs.	7800 lbs.		
BRAKES:						
Front Disc	— Type	Dual Piston Caliper (2.36" Diameter Piston)				
	— Size (in.)	13.58 Diameter Rotor				
Rear Disc	— Type	Dual Piston Caliper (1.89" Diameter Piston)				
	— Size (in.)	13.58 Diameter Rotor				
Power-Assist Unit	— Boost Ratio	Hydro-Boost 6.76:1 (DRW)				
	— Effective Diameter	13.46"				
Anti-Lock System		4-wheel				
Parking Brake	— Rear brake drum-in-hat	Foot-operated, Push to Apply/Pull Release Lever to Disengage				
ELECTRICAL:						
Alternator	— Rating	6G135 — 120-amperes, 1620-watts(1) SC2 — 155-amperes, 2090-watts(1) — available SC6 — 225-amperes, 3035-watts(1) — available				
Battery	— Type	Maintenance-free				
	— Rating	72-amp.-hr., 650-CCA				
Kit	—	Modified Vehicle Wiring				
FUEL TANK:	— Capacity	40-gallon Aft-of-rear-axle				
STEERING:	— Type	Gear Assembly Power Steering				
	— Ratio	17.0:1				
SUSPENSION:						
Frame	— Type	Single-channel, 6 Crossmembers, 36,000 psi Steel				
	— Section Modulus	5.73 cu. in.				
Springs, Front	— Type	Coil, Computer-selected				
	— Rating @ Ground (min.)	3100 lbs.	3550 lbs.	3800 lbs.		4050 lbs.
Springs, Rear	— Type	Multi-leaf, Single-stage				
	— Rating @ Ground (min.)	8500 lbs. (DRW)				
Shock Absorbers	— Gas-type	35 mm				
Stabilizer Bar	— Front — Diameter	23 mm (DRW)				
	Rear — Diameter	28.6 mm (DRW)				
TIRES:	— Type	Truck-type Steel-belted Radial, All-season				
	— Size	Six, LT225/75Rx16E(2)				
	— Spare tire carrier	None				
WHEELS:	— Type & Size	Six, 8-hole Disc, 16" x 6.0" K Steel(2)				

(1) Rated current (@ 6000 rpm) per ISO 8854: 1988 (E) and SAE J56 JUN1999. Actual output is temperature and application dependent.
(2) Spare tire and wheel are shipped temporarily mounted to the top of the frame.

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

E-450 Cutaway

DUAL REAR WHEELS:			DRW	DRW
WHEELBASE (in.):			158	176
POWERTRAIN:				
Engine	—	Application	Refer to Order Guide	
	—	Type	5.4L SEFI V8	
Transmission	—	Type	6-speed Auto OD (TorqShift®)	
AXLES:				
Front Axle	—	Type	Twin I-beam IFS	
	—	Capacity (Rating @ Ground)	4600 lbs.	
Rear Axle	—	Type	Full-floating, Dana 10.75" HD	
	—	Capacity (Rating @ Ground)	9600 lbs.	
BRAKES:				
Front Disc	—	Type	Dual Piston Caliper (2.36" Diameter Piston)	
	—	Size (in.)	13.58 Diameter Rotor	
Rear Disc	—	Type	Dual Piston Caliper (2.12" Diameter Piston)	
	—	Size (in.)	13.58 Diameter Rotor	
Power-Assist Unit	—	Boost Ratio	Hydro-Boost, 6.76:1	
Anti-Lock System			4-wheel	
Parking Brake	—	Rear brake drum-in-hat	Foot-operated, Push to Apply/Pull Release Lever to Disengage	
ELECTRICAL:				
Alternator	—	Rating	6G135 — 120-amperes, 1620-watts(1) SC2 — 155-amperes, 2090-watts(1) — available SC6 — 225-amperes, 3035-watts(1) — available	
Battery	—	Type	Maintenance-free	
	—	Rating	72-amp.-hr., 650-CCA	
Kit			Modified Vehicle Wiring	
FUEL TANK:	—	Capacity(2)	55-gallon, Aft-of-rear-axle	
STEERING:	—	Type	Gear Assembly Power Steering	
	—	Ratio	17.0:1	
SUSPENSION:				
Frame	—	Type	Single-channel, 6 Crossmembers, 36,000 psi Steel	
	—	Section Modulus	6.40 cu. in.	
Springs, Front	—	Type	Coil	
	—	Rating @ Ground (min.)	4600 lbs.	
Springs, Rear	—	Type	Multi-leaf, Single-stage	
	—	Rating @ Ground (min.)	9600 lbs.	
Shock Absorbers	—	Gas-type	35 mm	
Stabilizer Bar	—	Front — Diameter	23 mm	
	—	Rear — Diameter (DRW only)	28.6 mm	
TIRES:	—	Type	Six Truck-type Steel-belted Radial, All-season	
	—	Size	LT225/75Rx16E	
WHEELS:	—	Type & Size	Six, 8-hole Disc, 16" x 6.0" K Steel	

(1) Rated current (@ 6000 rpm) per ISO 8854: 1988 (E) and SAE J56 JUN1999. Actual output is temperature and application dependent.
(2) Also includes 7.5-gallon plastic transit fuel tank (may be deleted), Auxiliary Fuel Port and Fuel System Conversion Kit.

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

2016 E-Series Cutaway/ Stripped Chassis

Standard Powertrain/Chassis Equipment Specifications cont'd

E-450 Commercial Stripped Chassis

REAR WHEELS:			DRW	DRW
WHEELBASE (in.):			158	176
POWERTRAIN:				
Engine	—	Application	Refer to Order Guide	
	—	Type	5.4L SEFI V8	
Transmission	—	Type	5-speed Auto OD (TorqShift®)	
AXLES:				
Front Axle	—	Type	Twin I-beam IFS	
	—	Capacity (Rating @ Ground)	5000 lbs.	
Rear Axle	—	Type	Full-floating, Dana 10.75" HD	
	—	Capacity (Rating @ Ground)	9600 lbs.	
BRAKES:				
Front Disc	—	Type	Dual Piston Caliper (2.36" Diameter Piston)	
	—	Size (in.)	13.58 Diameter Rotor	
Rear Disc	—	Type	Dual Piston Caliper (2.12" Diameter Piston)	
	—	Size (in.)	13.58 Diameter Rotor	
Power-Assist Unit	—	Type	Hydro-Boost	
	—	Boost Ratio	6.76:1	
Anti-Lock System			4-wheel	
Parking Brake	—	Rear brake drum-in-hat	Foot-operated, Push to Apply/Pull Release Lever to Disengage	
ELECTRICAL:				
Alternator	—	Rating	6G135 — 120-amperes, 1620-watts(1) SC2 — 155-amperes, 2090-watts(1) — available SC6 — 225-amperes, 3035-watts(1) — available	
Battery	—	Type	Maintenance-free	
	—	Rating	72-amp.-hr., 650-CCA	
Kit	—		Modified Vehicle Wiring	
FUEL TANK:	—	Capacity	55-gallon	
STEERING:	—	Type	Gear Assembly Power Steering	
	—	Ratio	17.0:1	
SUSPENSION:				
Frame	—	Type	Single-channel, 6 Crossmembers, 36,000 psi Steel	
	—	Section Modulus	5.730 cu. in.	
Springs, Front	—	Type	Coil, Computer-selected	
	—	Rating @ Ground (min.)	5000 lbs.	
Springs, Rear	—	Type	Multi-leaf, Single-stage	
	—	Rating @ Ground (min.)	9600 lbs.	
Shock Absorbers	—	Gas-type	35 mm	
Stabilizer Bar	—	Front — Diameter	Front — 23 mm	Rear — 28.6 mm
TIRES:	—	Type	Truck-type Steel-belted Radial, All-season	
	—	Size	Seven, LT225/75Rx16E	
	—	Spare tire carrier	None	
WHEELS:	—	Type & Size	Six, 8-hole Disc, 16" x 6.0" K Steel(2)	

(1) Rated current (@ 6000 rpm) per ISO 8854: 1988 (E) and SAE J56 JUN1999. Actual output is temperature and application dependent.
(2) Spare tire and wheel are shipped temporarily mounted to the top of the frame.

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

Axles

FRONT AXLE SPECIFICATIONS

Model/Series			E-350/E-450
Max. Rating @ Ground (lbs.)			5000
Type			Twin-I-beam Spindle with Ball Joints
Axle	—	Material	Nodular Cast Iron
	—	Spring Centers (in.)	47.0
Radius Arms	—	No.	2
	—	Material	High-strength Low-alloy Steel
Ball Joint			Lubed-for-life Ball Joints
Spindle	—	Material	Nodular Cast Iron Body with Forged Steel Stem
Wheel Bearings	—	Type	Tapered Roller

REAR AXLE SPECIFICATIONS

Model/Series			E-350	E-450
Make			Dana 10.5"	Dana 10.75" HD
Rating @ Ground (lbs.)			7800/8500	9600
Type			Full-floating	Full-floating
Driveline Attachment, Circular Flange			4.25"	4.75"
Housing	—	Type	Cast Center	Cast Center
	—	Cover Attachment	Bolted	Bolted
Section	—	Tube Diameter (in.)	3.50	4.00
	—	Thickness (in.)	0.39/0.56	0.625
Lubricant Capacity (pt.)			6.6	9.6
Spring Centers (in.)			48.92	48.92
Wheel Bearings	—	Type	Tapered Roller, 2 Opposed	
Gears	—	Type	Hypoid	Hypoid
	—	Material	Alloy Steel	Alloy Steel
Ring Gear	—	Pitch Diameter (in.)	10.50	10.75
	—	Mounting	Overhung	Overhung
Differential	—	Type	2-pinion(1)	2-pinion(1)
	—	L/S Type	Traction-Lok	Traction-Lok
Axle Shaft	—	Spline — Minor Dia. (in.)	1.268	1.268
	—	Spline — Major Dia. (in.)	1.375	1.375
	—	Number of Splines	32	35

(1) 4-pinion for limited-slip.

Brakes

HYDRAULIC BRAKE EQUIPMENT SPECIFICATIONS — FRONT/REAR

Type	Model/Series	Rotor Dia (in.) OD	Rotor Dia (in.) ID	Brake Lining Segment	Area (sq. in.)/ Width (in.)/ Thickness (in.)	Caliper Piston Dia. (in.)	Gross Lining Area per Axle (sq. in.)	Total Swept Area per Axle (sq. in.)
Disc	All (Front)	13.58	8.70	Outboard	7.16/2.34/0.489	2.36	47.8	341.6
				Inboard	—			
	E-450 (Rear)	13.58	9.88	Outboard	5.96/1.74/0.51	2.12	43.65	272.70
				Inboard	—			
	E-350 (Rear)	13.58	9.88	Outboard	6.65/2.33/0.346	1.89	39.50	272.70
				Inboard	5.31/2.03/0.413			

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

Brakes cont'd

BRAKE MASTER CYLINDER SPECIFICATIONS

Type	Model/Series	Bore Diameter (in.)
Dual System, Dash-mounted	E-350 SRW	1.3125
	E-350/E-450 DRW	1.375

POWER BRAKES VACUUM BOOSTER SPECIFICATIONS

Type	Model/Series	Ratio	Diaphragm Type
Bendix, Dash-mounted	E-350 (SRW)	7.5:1	Dual

POWER BRAKES HYDRAULIC BOOSTER SPECIFICATIONS

Type	Model/Series	Ratio
Hydro-Boost	E-350 (DRW)/E-450	6.76:1

Cooling Systems

COOLING SYSTEM SPECIFICATION

				Core Size (in.)					Cooling System	Fan Specifications		
Engine	Cooling	Trans. Usage	Frontal Area (sq. in.)	Height	Width	Thick.	Rows of Tubes	Fins per Inch	Capacity (approx. quarts)	Type	No. of Blades	Blade Dia. (in.)
5.4L SEFI V8	All	Auto.	708	23.6	30.0	1	1	15.2	28.3	Plastic	10	19.4
6.8L SEFI V10	All	Auto.	708	23.6	30.0	1.4	1	16.5	30.4	Plastic	8	20.0

AUXILIARY AUTOMATIC TRANSMISSION OIL COOLER APPLICATIONS

Model/Series	Engine	Transmission	Standard No. of Plates	Air Conditioning No. of Plates	Trailer Towing No. of Plates
E-350/450	5.4L SEFI V8	TorqShift®	20 — 1/2" Ports	20 — 1/2" Ports	24 — 1/2" Ports
	6.8L SEFI V10	TorqShift	20 — 1/2" Ports	20 — 1/2" Ports	24 — 1/2" Ports

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

Technical Specifications cont'd

Fuel System

FUEL SYSTEM DATA

Electronic Fuel Injection	5.4L SEFI V8	Sequential Multiport Fuel Injection
	6.8L SEFI V10	Sequential Multiport Fuel Injection
Fuel Pump	All Engines	Electric-in-Tank High Pressure
Fuel Filter	All Engines	In-line Large Capacity (One)
Air Cleaner	All Engines	Dry Element, Replaceable

Steering

STEERING SPECIFICATIONS

		Power Steering[1]		Turning Diameter (ft.)[2]	
Model/Series	Wheelbase (in.)	Gear Ratio	Overall Ratio	Curb-to-Curb	Wall-to-Wall
E-350 SRW	138	17:1	21.2:1	48.6	50.0/50.0[3]
E-350 DRW	138	17:1	21.2:1	48.6	50.0/50.1[3]
E-350 SRW	158	17:1	21.2:1	54.8	56.2[3]
E-350 DRW/	158	17:1	21.2:1	54.8	56.2[3]
E-450	176	17:1	21.2:1	60.3	61.8[3]

(1) 15-1/2" diameter steering wheel. Cutaway and Stripped Chassis models include HD Steering gear.
(2) Average of left and right turns with standard tires.
(3) Cutaway only.

Suspension

FRAME SPECIFICATIONS

Model/Series	Wheelbase (in.)	Maximum Side Rail Section (in.)	Section Modulus (cu. in.)	Yield Strength (psi)
E-350/E-450 Cutaway/Stripped Chassis	138, 158, 176	7.69 x 3.18 x 0.228	5.73	36,000
E-450 Cutaway	158, 176	7.69 x 3.18 x 0.248	6.40	36,000

SHOCK ABSORBER SPECIFICATIONS

		Front & Rear		
Model/Series	Usage	Number	Piston Diameter (mm)	Type
E-350/E-450	Standard	4	35 mm	Gas pressurized

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

2016 E-Series Cutaway/ Stripped Chassis

Technical Specifications cont'd

Suspension cont'd

SPRING SPECIFICATIONS — FRONT COIL

Model/Series	GVWR (lbs.)	Combined Rating @ Ground (lbs.)	Normal Working Height of Spring (in.)	Wire Diameter (in.)	Deflection Rate @ Ground (lbs. per in. each)	Inside Diameter (in.)	Rating Each @ Pad (lbs. per spring)
E-350 Cutaway	10,050 (SRW), 11,500, 12,500	3800	12.0	0. 72	328	4.0	2165
		3900	12.0	0. 73	341	4.0	2224
		4050	12.0	0. 74	354	4.0	2318
		4200	12.0	0. 74	354	4.0	2414
		4400	12.0	0. 76	366	4.0	2542
		4600	12.0	0. 78	366	4.0	2670
		5000	12.0	0. 79	418	4.0	2900
E-350 Stripped Chassis	11,500, 12,500	3800	12.0	0. 72	328	4.0	2165
		3900	12.0	0. 73	341	4.0	2229
		4050	12.0	0. 74	354	4.0	2318
		4200	12.0	0. 74	354	4.0	2414
		4400	12.0	0. 76	366	4.0	2542
		4600	12.0	0. 78	366	4.0	2670
		5000	12.0	0. 79	418	4.0	2900
E-450 Cutaway/ Stripped Chassis	14,000	4600	12.0	0. 78	366	4.0	2670
	14,500	5000	12.0	0. 79	418	4.0	2900

SPRING SPECIFICATIONS — REAR MAIN LEAF

Model/Series	Combined Rating @ Ground (lbs.)	Number of Leaves	Total Thickness @ Pad (in.)	Length (in.)	Width (in.)	Deflection Rear (lbs. per in. per spring)(1)	Rating Each @ Pad (lbs. per spring)
E-350 Extended Cutaway	6195	4	1.99	55.0	3.00	373.0/699.0	2772
E-350 Cutaway/Stripped Chassis SRW	7310	9	3.59	55.0	3.00	924.7	3296
E-350 Cutaway/Stripped Chassis DRW	8500	9	3.79	58.5	3.00	1087	3790
E-450 Cutaway/Stripped Chassis	9600	11	4.66	58.5	3.00	1138	4288

(1) Dual numbers indicate two-stage spring.

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.

Tires and Wheels
TIRE SPECIFICATIONS

Type/Size	Rim Width (in.)	Section Width (in.)	Ply Rating	Load Rating	Maximum Inflation Pressure (psi)	Load Limits @ Maximum Inflation Pressure (lbs.)	Static Loaded Radius (in.)	Revolutions per Mile @ 45 mph
LT225/75Rx16	6.0	9.60	10	E	80	2680	14.60	709
LT245/75Rx16	7.0	10.20	10	E	80	3042	14.10	677

WHEEL SPECIFICATIONS

Wheel Type	Wheel Size	Nominal Offset (mm.)	No. of Studs	Bolt Circle (in.)	Max Wheel Capacity Load (lbs. @ ground)
Steel	16" x 7.0" K	0.25	8	6.5	2300 Front/ 3045 Rear
	16" x 6.0" K (Dual)	5.15	8	6.5	2500 Front/ 2365 Rear
Aluminum	16" x 7.0" J	0.25	8	6.5	3045

Transmissions
AUTOMATIC TRANSMISSION SPECIFICATIONS

Make/Type	Ford 5-Speed Automatic Overdrive (TorqShift®)	Ford 6-Speed Automatic Overdrive (TorqShift)
Engine	5.4L SEFI V8	6.8L SEFI V10
Ratios (to 1)		
1st	3.11	3.97
2nd	2.11	2.31
3rd	1.55	1.51
4th — OD	1.00	1.14
5th — OD	0.71	0.85
6th	—	0.67
Reverse	2.88	3.12
Converter Size & Type	12" PCM Controlled Clutch Apply	305mm, 3 Plate, 2 Stage
Converter Torque Ratio @ WOT Stall	2.2	2.01
Lubricant Capacity (pt.)	18.2	17.4
Gear Set	Spur	Double Ravigneaux
Oil Cooler	Oil to Air and In-Tank	Oil to Air and In-Tank

Special Applications

Trailer Towing Information
For additional towing information, refer to the RV & Trailer Towing Guide, available as a printable PDF on ***e*SourceBook**, or the vehicle owner manual.

Snowplow Information
Not recommended for Snowplow Applications.

NOTE: Please see the Major Product Summary pages and/or the Dealer Ordering Guide for availability.